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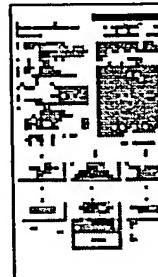
Email th

>Title: **JP2141484A2: LIGHTWEIGHT EXTRUDED PRODUCT OF CEMENT**

Country: JP Japan

Kind: A

Inventor: KATAHIRA FUJIO;
SHIRAKAWA KIYOSHI;
MIYOSHI AKIRA;
MIZUNO JUNICHI;



Assignee: SUMITOMO METAL IND LTD
NICHIBA KK

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May 30, 1990 / Nov. 21, 1988

Application Number:

JP1988000294317

IPC Code:

C04B 38/08; C04B 14/20; C04B 28/02;

Priority Number:

Nov. 21, 1988 JP1988000294317

Abstract:

Purpose: To provide the title product which is excellent in a nailability property, cuttability with a saw, fireproofness, etc., by adding a spherical thermoplastic resin foam, cellulose fibers, molding assistant, water, etc., in prescribed amounts to inorg. powder contg. cement, aggregate and a specific ratio of mica, then subjecting the mixture to kneading, extrusion molding and curing.

Constitution: The inorg. ceramics powder

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contg. the cement, the aggregate (e.g.; silica sand) and 2 to 20wt.% mica is prep'd. The spherical thermoplastic resin foam (e.g.; styrene bead foam) is added at 1 to 5 pts.wt., the cellulose fibers at 3 to 10 pts.wt., the molding assistant (e.g.; carboxymethylcellulose) at 0.5 to 5 pts.wt., and the water at 35 to 70 pts.wt. to 100 pts.wt. this powder. After the mixture is uniformly kneaded, the mixture is extrusion molded and is then cured in an autoclave, by which the lightweight extruded product of the cement is produced. The lightweight extruded product of the cement obtd. in such a manner is adequately used in applications, such as external wall materials for housing, etc.

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Family: Show 2 known family members

Forward References:

Buy PDF	Patent	Pub.Date	Inventor	Assignee	Title
<input checked="" type="checkbox"/>	US5928741	1999-07-27	Andersen; Per Just	E. Khashoggi Industries, LLC	Laminate articles c manufac fashione sheets h a highly inorganic filled org polymer
<input checked="" type="checkbox"/>	US5879722	1999-03-09	Andersen; Per Just	E. Khashoggi Industries	System 1 manufac sheets fr hydraulic settable composi
<input checked="" type="checkbox"/>	US5851634	1998-12-22	Andersen; Per Just	E. Khashoggi Industries	Hinges for highly inorganic filled con materials
				E.	Method for

<input checked="" type="checkbox"/>	<u>US5849155</u>	1998-12-15	Gasland; Stein	Khashoggi Industries, LLC	dispersir cellulose fibers in
<input checked="" type="checkbox"/>	<u>US5830305</u>	1998-11-03	Andersen; Per Just	E. Khashoggi Industries, LLC	Methods molding having a inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5830548</u>	1998-11-03	Andersen; Per Just	E. Khashoggi Industries, LLC	Articles manufac and metl for manufac laminate structure including inorganic filled she
<input checked="" type="checkbox"/>	<u>US5800647</u>	1998-09-01	Andersen; Per Just	E. Khashoggi Industries, LLC	Methods manufac articles fi sheets h a highly inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5800756</u>	1998-09-01	Andersen; Per Just	E. Khashoggi Industries, LLC	Methods manufac containe other arti from hydraulic settable mixtures
<input checked="" type="checkbox"/>	<u>US5766525</u>	1998-06-16	Andersen; Per Just	E. Khashoggi Industries	Methods manufac articles fi sheets o unharder hydraulic

					settable composi
<input checked="" type="checkbox"/>	<u>US5753308</u>	1998-05-19	Andersen; Per Just	E. Khashoggi Industries, LLC	Methods manufac food and beverage containe inorganic aggregat and polysacc protein, synthetic organic t
<input checked="" type="checkbox"/>	<u>US5738921</u>	1998-04-14	Andersen; Per Just	E. Khashoggi Industries, LLC	Composi and metl for manufac sealable tight con comprise inorganic filled ma
<input checked="" type="checkbox"/>	<u>US5720913</u>	1998-02-24	Andersen; Per Just	E. Khashoggi Industries	Methods manufac sheets fr hydraulic settable composi
<input checked="" type="checkbox"/>	<u>US5714217</u>	1998-02-03	Andersen; Just	E. Khashoggi Industries	Sealable tight con comprise coated hydraulic settable materials
<input checked="" type="checkbox"/>	<u>US5709913</u>	1998-01-20	Andersen; Khashoggi	E. Khashoggi	Method ; apparatus manufac articles c manufac

			Per Just	Industries	from she having a inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5707474</u>	1998-01-13	Andersen; Per Just	E. Khashoggi, Industries	Methods manufac hinges h a highly inorganic filled ma
<input checked="" type="checkbox"/>	<u>US5705237</u>	1998-01-06	Andersen; Per Just	E. Khashoggi, Industries	Hydrauli settable containe other arti for storin dispensii and pac food or beverage
<input checked="" type="checkbox"/>	<u>US5705238</u>	1998-01-06	Andersen; Per Just	E. Khashoggi, Industries	Articles c manufac fashione sheets h a highly inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5705239</u>	1998-01-06	Andersen; Per Just	E. Khashoggi, Industries	Molded a having a inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5705242</u>	1998-01-06	Andersen; Per Just	E. Khashoggi, Industries	Coated f beverage containe made fro inorganic aggregat and polysacc

					protein, c synthetic organic t
<input checked="" type="checkbox"/>	<u>US5702787</u>	1997-12-30	Andersen; Per Just	E. Khashoggi Industries	Molded c having a inorganic filled ora polymer
<input checked="" type="checkbox"/>	<u>US5691014</u>	1997-11-25	Andersen; Per Just	E. Khashoggi Industries	Coated c having a inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5679381</u>	1997-10-21	Andersen; Per Just	E. Khashoggi Industries	Systems manufac sheets fr hydraulic settable composi
<input checked="" type="checkbox"/>	<u>US5676905</u>	1997-10-14	Andersen; Per Just	E. Khashoggi Industries	Methods manufac articles c manufac from hydraulic settable mixtures
<input checked="" type="checkbox"/>	<u>US5665439</u>	1997-09-09	Andersen; Per Just	E. Khashoggi Industries	Articles c manufac fashione hydraulic settable
<input checked="" type="checkbox"/>	<u>US5665442</u>	1997-09-09	Andersen; Per Just	E. Khashoggi Industries	Laminat sheets h a highly inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5660903</u>		Andersen; Khashoggi	E. Khashoggi	Sheets h a highly inorganic

		1997-08-26	Per Just	Industries	<u>filled org polymer</u>
	<u>US5660904</u>	1997-08-26	Andersen; Per Just	E. Khashoggi Industries	<u>Sheets having a highly inorganic filled org polymer</u>
<input checked="" type="checkbox"/>	<u>US5658603</u>	1997-08-19	Andersen; Per Just	E. Khashoggi Industries	<u>Systems molding having a inorganic filled org polymer</u>
<input checked="" type="checkbox"/>	<u>US5654048</u>	1997-08-05	Andersen; Per Just	E. Khashoggi Industries	<u>Cementitious packaging container</u>
<input checked="" type="checkbox"/>	<u>US5641584</u>	1997-06-24	Andersen; Per Just	E. Khashoggi Industries	<u>Highly insulative cementitious matrices methods their manufac</u>
<input checked="" type="checkbox"/>	<u>US5631052</u>	1997-05-20	Andersen; Per J.	E. Khashoggi Industries	<u>Coated cementitious packaging container</u>
<input checked="" type="checkbox"/>	<u>US5631053</u>	1997-05-20	Andersen; Per J.	E. Khashoggi Industries	<u>Hinged structures having a inorganic filled matrix</u>
<input checked="" type="checkbox"/>	<u>US5631097</u>	1997-05-20	Andersen; Per J.	E. Khashoggi Industries	<u>Laminate insulation barriers for a cementitious structure matrix and methods their manufac</u>

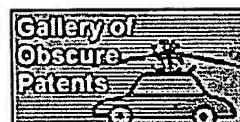
<input checked="" type="checkbox"/>	US5626954	1997-05-06	Andersen; Per J.	E. Khashoggi Industries	Sheets n from mol hydraulic settable materials
<input checked="" type="checkbox"/>	US5614307	1997-03-25	Andersen; Per J.	E. Khashoggi Industries	Sheets n from mol hydraulic settable composi
<input checked="" type="checkbox"/>	US5582670	1996-12-10	Andersen; Per J.	E. Khashoggi Industries	Methods manufac sheets h a highly inorganic filled org polymer
<input checked="" type="checkbox"/>	US5580409	1996-12-03	Andersen; Per J.	E. Khashoggi Industries	Methods manufac articles c manufac from hydraulic settable
<input checked="" type="checkbox"/>	US5580624	1996-12-03	Andersen; Per J.	E. Khashoggi Industries	Food an beverage containe made fr inorganic aggregat and polysacc protein, c synthetic organic binders, the meth manufac such containe
					Methods

<input checked="" type="checkbox"/>	<u>US5549859</u>	1996-08-27	Andersen; Per J.	E. Khashoggi Industries	extrusior novel, hi plastic ai moldable hydraulic settable composi
<input checked="" type="checkbox"/>	<u>US5545297</u>	1996-08-13	Andersen; Per J.	E. Khashoggi Industries	Methods continuo placing filaments hydraulic settable composi being ex into artic manufac
<input checked="" type="checkbox"/>	<u>US5545450</u>	1996-08-13	Andersen; Per J.	E. Khashoggi Industries	Molded a having a inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5543186</u>	1996-08-06	Andersen; Per J.	E. Khashoggi Industries	Sealable tight, thir walled contain made fro hydraulic settable materials
<input checked="" type="checkbox"/>	<u>US5508072</u>	1996-04-16	Andersen; Per J.	E. Khashoggi Industries	Sheets h a highly inorganic filled org polymer
<input checked="" type="checkbox"/>	<u>US5506046</u>	1996-04-09	Andersen; Per J.	E. Khashoggi Industries	Articles c manufac fashione sheets h a highly inorganic

				<u>filled org polymer</u>
	<u>US5453310</u>	1995-09-26	Andersen; Per J.	E. Khashoggi Industries <u>Cementitious materials use in packaging containers their metal of manufacture</u>
	<u>US5385764</u>	1995-01-31	Andersen; Per J.	E. Khashoggi Industries <u>Hydraulic settable containers other articles for storing dispensing and packing food and beverage methods their manufacture</u>

Other

Abstract Info:



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02

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(11) Publication number:

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(84) Designated contracting states:

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NICHIA KK(72) Inventor: KATAHIRA FU
SHIRAKAWA F
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MIZUNO JUNIC

(74) Representative:

(54) LIGHTWEIGHT EXTRUDED PRODUCT OF CEMENT

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